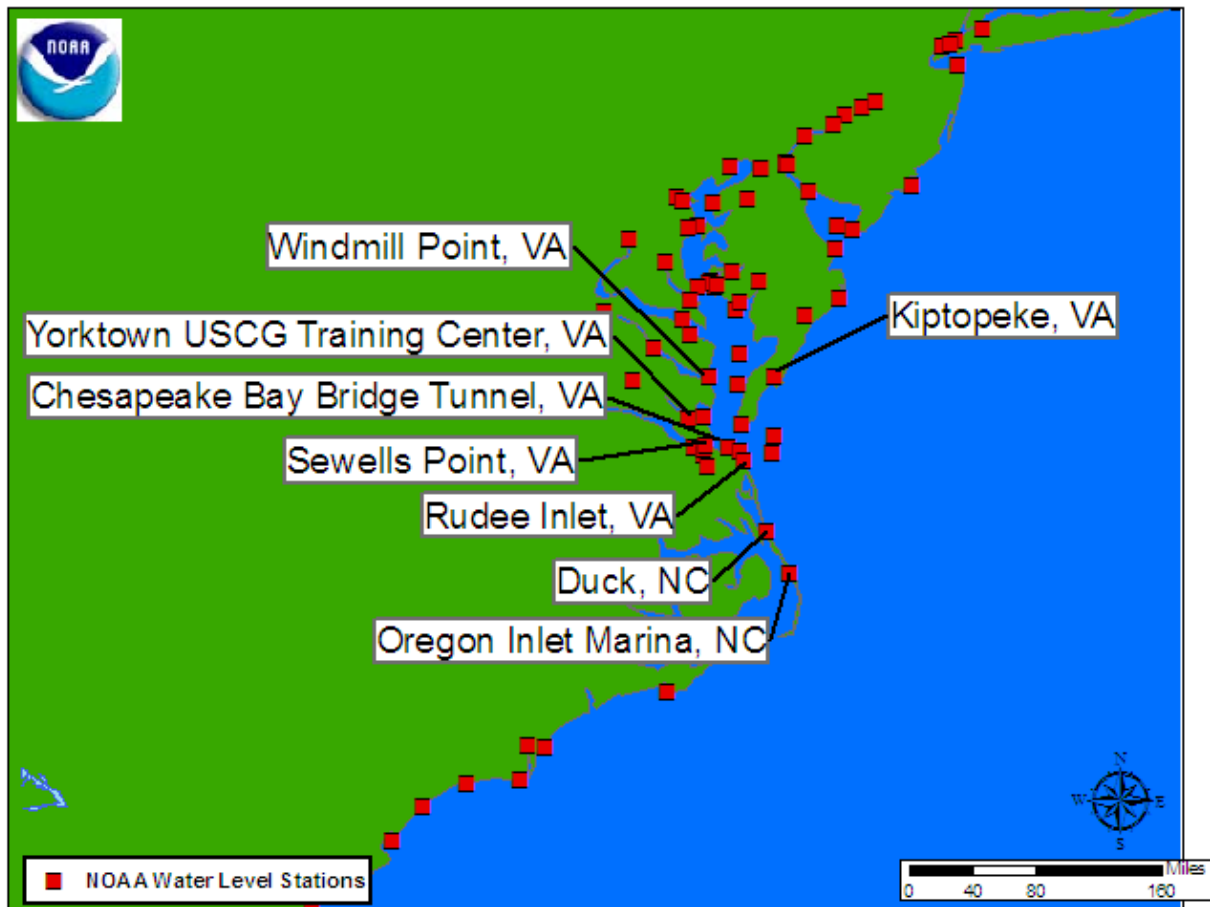




Tropical Depression GABRIELLE QUICKLOOK
Posted: 06:00 EDT 09/10/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

No further QuickLooks will be posted unless oceanographic conditions warrant and/or the National Hurricane Center (NHC) issues a new warning for the U.S. coastline.

Water level and meteorological plots available below are updated automatically.

Water levels from North Carolina to Virginia are returning or at predicted. Barometric (sea level) pressure is rising.

For more data, please see the [CO-OPS Tides & Currents page](#). For information about this product, please see the [Storm QuickLook homepage](#).

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL DEPRESSION GABRIELLE ADVISORY NUMBER 11
NWS TPC/NATIONAL HURRICANE CENTER MIAMI FL
500 AM EDT MON SEP 10 2007**

GABRIELLE WEAKENING AS IT PULLS AWAY FROM THE MID-ATLANTIC COAST

AT 500 AM EDT THE CENTER OF TROPICAL DEPRESSION GABRIELLE WAS LOCATED NEAR LATITUDE 37.0 NORTH...LONGITUDE 74.4 WEST OR ABOUT 140 MILES NORTH-NORTHEAST OF CAPE HATTERAS NORTH CAROLINA AND ABOUT 375 MILES SOUTHWEST OF NANTUCKET MASSACHUSETTS.

THE DEPRESSION IS MOVING TOWARD THE NORTHEAST NEAR 12 MPH AND A TURN TOWARD THE EAST-NORTHEAST WITH AN INCREASE IN FORWARD SPEED IS EXPECTED DURING THE NEXT 24 HOURS. ON THIS TRACK THE STORM WILL BE MOVING AWAY FROM THE EAST COAST OF THE UNITED STATES TODAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. LITTLE CHANGE IN STRENGTH IS FORECAST DURING THE NEXT 24 HOURS.

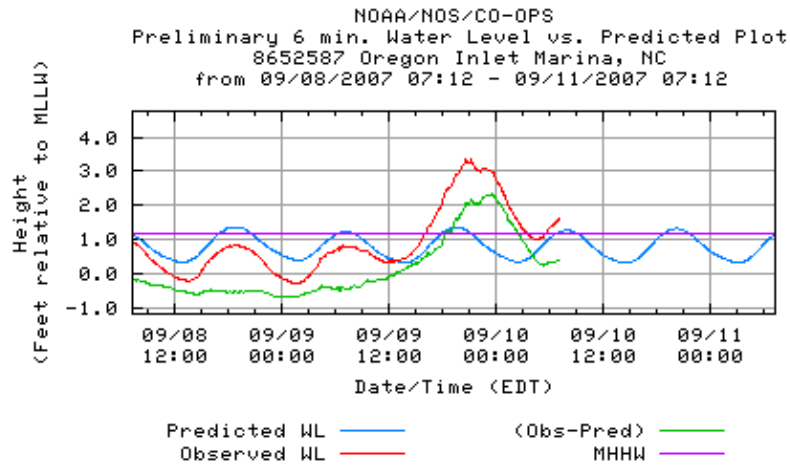
ESTIMATED MINIMUM CENTRAL PRESSURE IS 1009 MB INCHES.

Water level analyst: LEF

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: Oregon Inlet Marina - Water Level, Sewells Point - Water Level, Sewells Point - Barometric, Yorktown USCG Training Center - Water Level, Yorktown USCG Training Center - Winds, Yorktown USCG Training Center - Barometric, Chesapeake Bay Bridge Tunnel - Water Level, Chesapeake Bay Bridge Tunnel - Winds, Chesapeake Bay Bridge Tunnel - Barometric, Rudee Inlet - Water Level, Kiptopeke - Water Level, Windmill Point - Water Level, Duck - Water Level, Duck - Barometric,

Oregon Inlet Marina, NC - Station Map [Return to List](#)

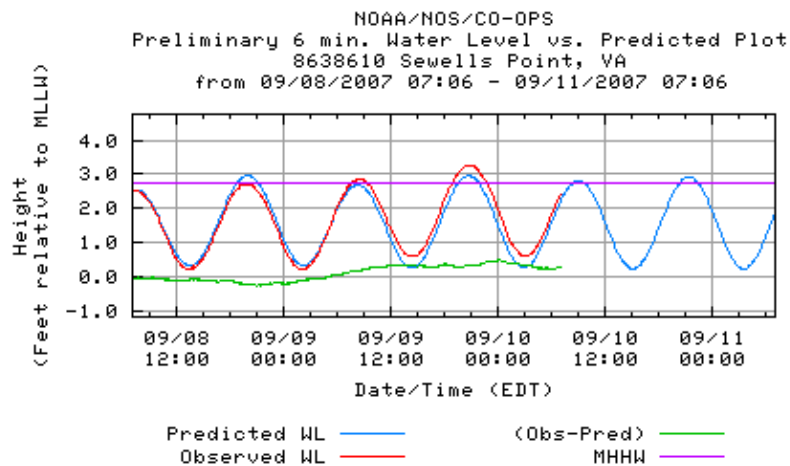


Last Observed Sample: 09/10/2007 07:00 (EDT)

Relative to **MLLW**: **Observed: 1.59 ft. Predicted: 1.21 ft. Residual: 0.38 ft.**

Historical Maximum Water Level: 09/16/1999, 4.49 ft. above **MHHW**

Sewells Point, VA - Station Map [Return to List](#)

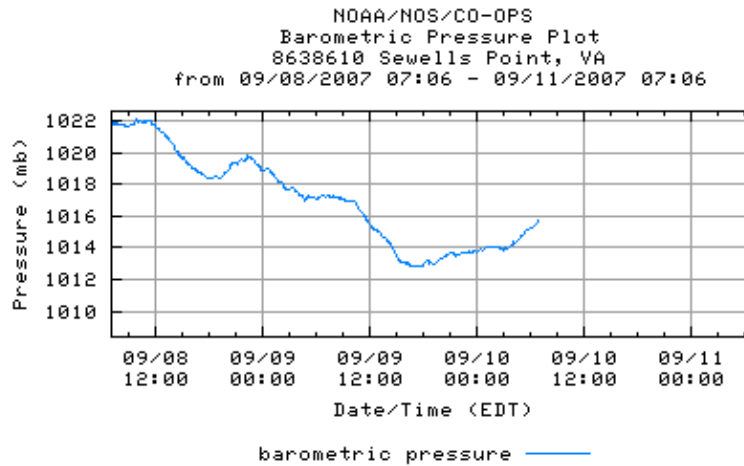


Last Observed Sample: 09/10/2007 07:00 (EDT)

Relative to **MLLW**: **Observed: 2.43 ft. Predicted: 2.17 ft. Residual: 0.26 ft.**

Historical Maximum Water Level: 08/23/1933, 5.26 ft. above **MHHW**

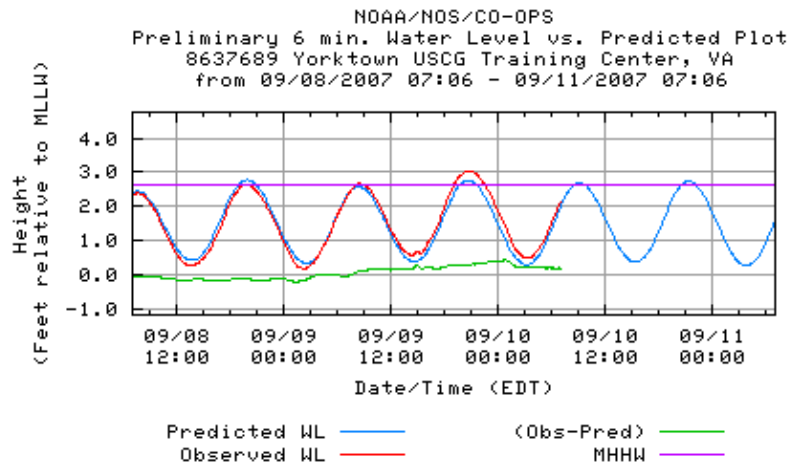
Sewells Point, VA - Station Map [Return to List](#)



Last Observed Sample: 09/10/2007 06:54 (EDT)

Barometric Pressure: 1015.7 mb

Yorktown USCG Training Center, VA - Station Map [Return to List](#)

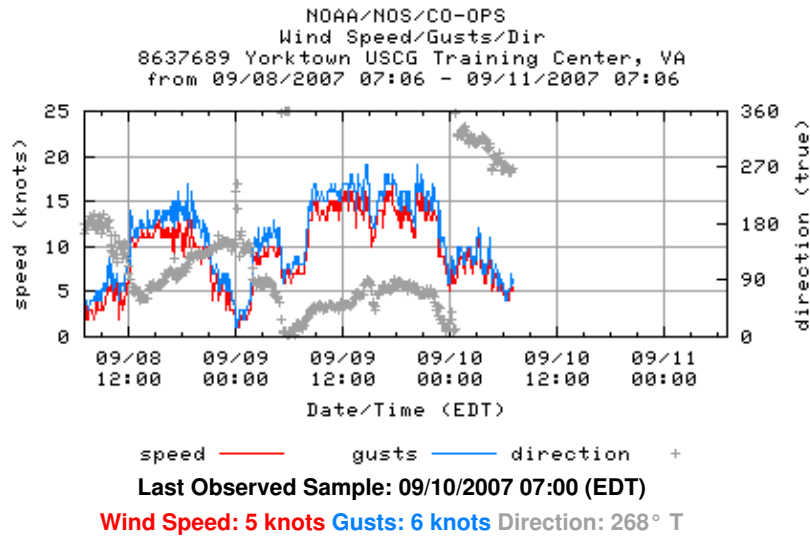


Last Observed Sample: 09/10/2007 07:00 (EDT)

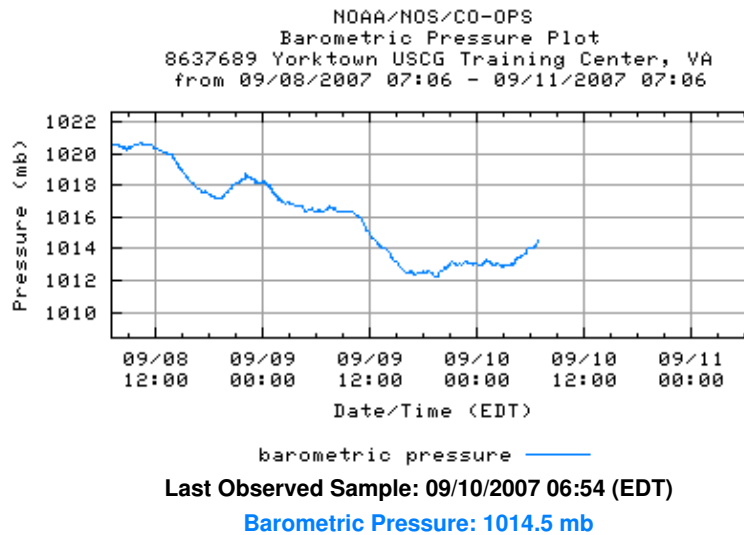
Relative to **MLLW**: Observed: 2.13 ft. Predicted: 1.95 ft. Residual: 0.18 ft.

Historical Maximum Water Level: n/a

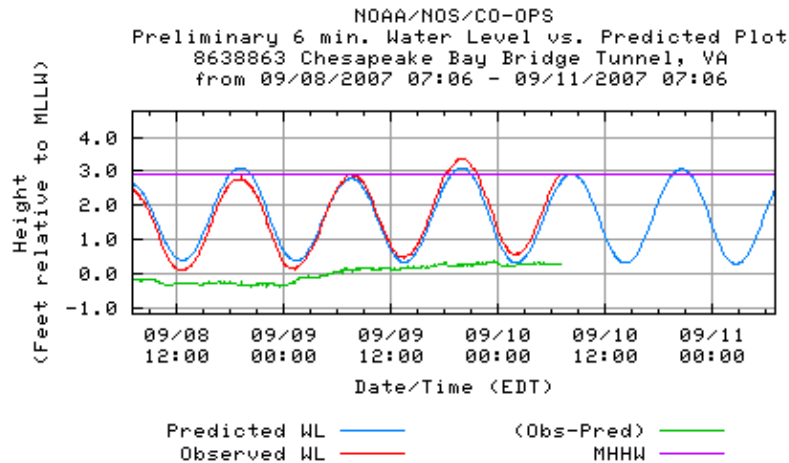
Yorktown USCG Training Center, VA - Station Map [Return to List](#)



Yorktown USCG Training Center, VA - Station Map [Return to List](#)



Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)

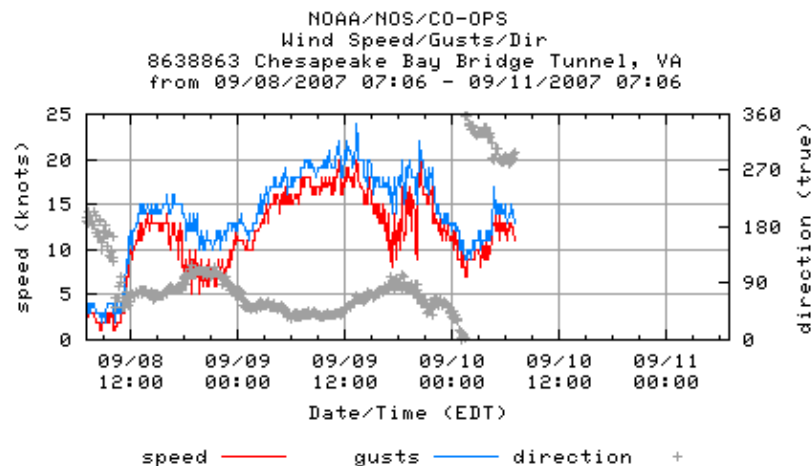


Last Observed Sample: 09/10/2007 07:00 (EDT)

Relative to **MLLW**: **Observed: 2.93 ft.** **Predicted: 2.65 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: 02/05/1998, 3.68 ft. above **MHHW**

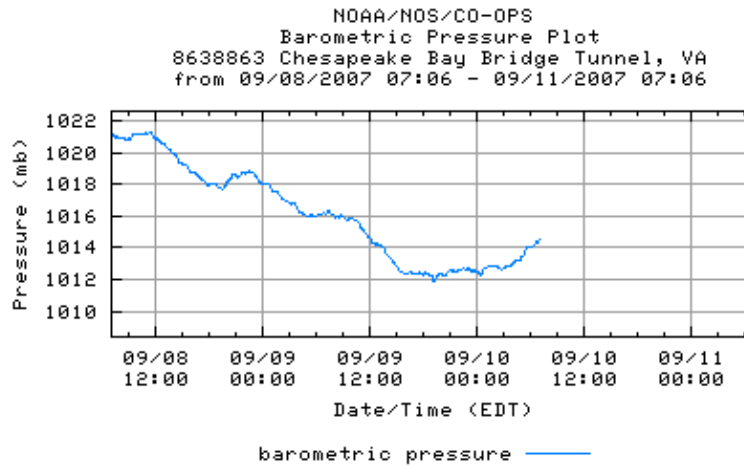
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/10/2007 07:00 (EDT)

Wind Speed: 11 knots **Gusts: 13 knots** **Direction: 300° T**

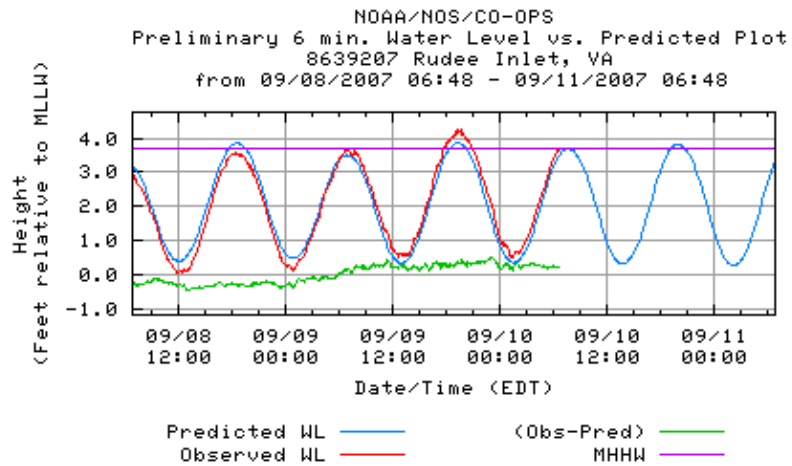
Chesapeake Bay Bridge Tunnel, VA - Station Map [Return to List](#)



Last Observed Sample: 09/10/2007 07:00 (EDT)

Barometric Pressure: 1014.5 mb

Rudee Inlet, VA - Station Map [Return to List](#)

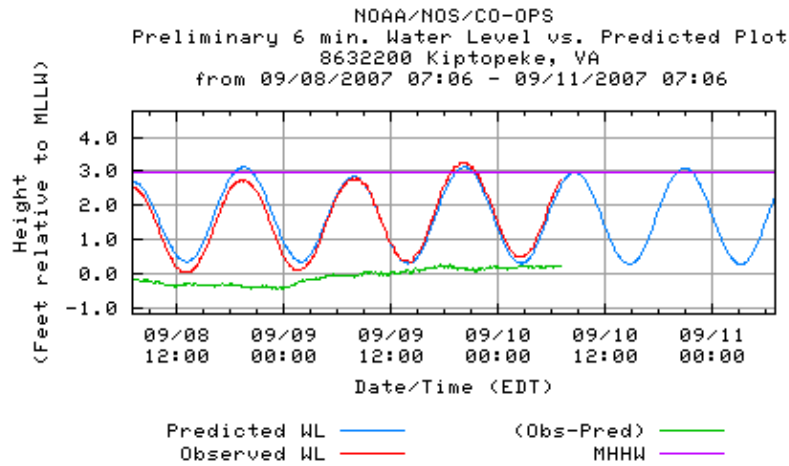


Last Observed Sample: 09/10/2007 06:36 (EDT)

Relative to **MLLW**: **Observed: 3.70 ft. Predicted: 3.49 ft. Residual: 0.21 ft.**

Historical Maximum Water Level: n/a

Kiptopeke, VA - Station Map [Return to List](#)

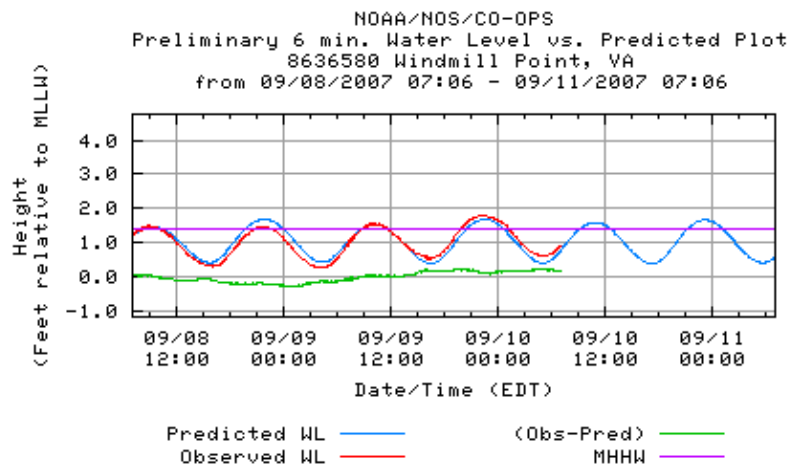


Last Observed Sample: 09/10/2007 07:06 (EDT)

Relative to **MLLW**: **Observed: 2.75 ft. Predicted: 2.58 ft. Residual: 0.17 ft.**

Historical Maximum Water Level: 03/08/1962, 4.13 ft. above **MHHW**

Windmill Point, VA - Station Map [Return to List](#)

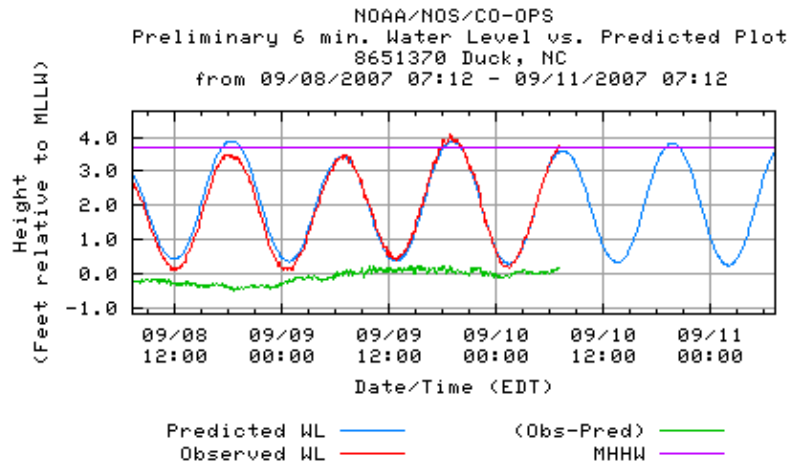


Last Observed Sample: 09/10/2007 07:00 (EDT)

Relative to **MLLW**: **Observed: 0.91 ft. Predicted: 0.74 ft. Residual: 0.17 ft.**

Historical Maximum Water Level: 02/05/1998, 2.68 ft. above **MHHW**

Duck, NC - Station Map [Return to List](#)

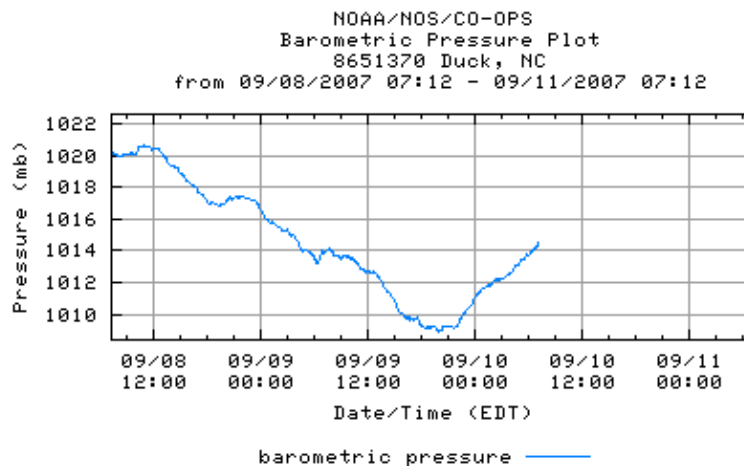


Last Observed Sample: 09/10/2007 07:00 (EDT)

Relative to **MLLW**: **Observed: 3.73 ft. Predicted: 3.56 ft. Residual: 0.17 ft.**

Historical Maximum Water Level: 08/30/1999, 3.23 ft. above **MHHW**

Duck, NC - Station Map [Return to List](#)



Last Observed Sample: 09/10/2007 07:00 (EDT)

Barometric Pressure: 1014.5 mb

Tropical Depression GABRIELLE QUICKLOOK, POSTED 06:00 EDT 09/10/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce